

What is claimed is:

1. A device for pneumatic or hydraulic conveying of a conveying medium, the conveying medium including dusty, powdery or granular bulk material, the device comprising:
 - a conveyor line having an axis;
 - an inner pipe in the conveyor line, parallel to the axis and preferably eccentric, said inner pipe having openings at intervals and flow resistors therein and which have an upstream side plane and a downstream side plane in the region of the openings, outlet openings into the conveyor line and entrance openings into the inner pipe being formed for the conveying medium, the upstream side plane forming an angle (α) $< 90^\circ$ with the axis (14) of the inner pipe (2) and deflecting the striking conveying stream towards the outlet opening (20, 20a, 20b).
2. The device according to claim 1, wherein in that the flow resistor is formed by a disk (5, 5a, 5b).
3. The device according to claim 2, wherein in that the upstream side plane and the flow resistor, respectively, extend up to the approximately deepest point of the openings or jut out into the conveyor line.
4. The device according to claim 3, wherein in that the flow resistor has a preferably circular or slit-shaped opening.
5. The device according to claim 4, wherein in that the opening is preferably located in the region of the axis (14).
6. The device according to claim 2, wherein in that the upstream side plane and the flow resistor, respectively, end above the deepest point of the associated openings.

7. The device according to claim 6, wherein in that the upstream side plane and the flow resistor, respectively, end in the height or even below the axis (14) of the inner pipe (2,2c).
8. The device according to claim 7, wherein in that the outlet opening (20, 20a, 20b) is smaller, equal to or larger than the entrance opening (22, 22a, 22b).
9. The device according to claim 8, wherein in that an angular incision into the inner pipe (2, 2b, 2c) is formed in the region of the flow resistor, by which an outlet- and an entrance opening (20, 22, 20a, 22a, 20b, 22b) is formed.
10. The device according to claim 9, wherein in that the incision extends above or below the axis (14) of the inner pipe (2).
11. The device according to claim 10, wherein in that the point of the incision angle is located in the region of the flow resistor and the disk (5, 5a), respectively.
12. The device according to claim 10, wherein in that the point of the incision angle is located on the axis (14) of the inner pipe (2) in a distance to the downstream side plane.
13. The device according to claim 12, wherein in that the upstream side leg (3) of the incision angle forms an angle (β) $< 90^\circ$ with the triangle side or hypotenuse, respectively, connecting the leg ends.
14. The device according to claim 13, wherein in that the angle (β) is smaller, equal to or larger than the angle (δ), which forms the downstream side leg (4) of the incision angle and the triangle side or hypotenuse connecting the legs (3,4).
15. The device according to claim 14, wherein in that the inner pipe (2) sits closely to the inner wall of the conveyor line (1).

16. The device according to claim 14, wherein in that the inner pipe (2c) has a distance to the inner wall of the conveyor line (1).
17. The device according to claim 16, wherein in that the disk (5, 5b) has the shape of an ellipse.
18. The device according to claim 16, wherein in that the disk (5a) is formed by a segment of an ellipse.
19. The device according to claim 16, wherein in that the disk has the form of an ellipse in the region sitting closely to the pipe wall.